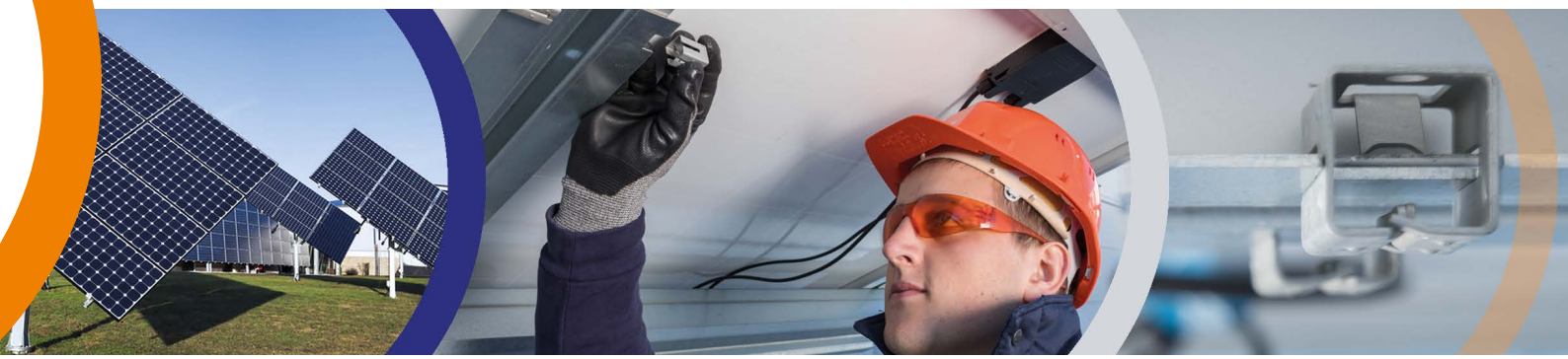
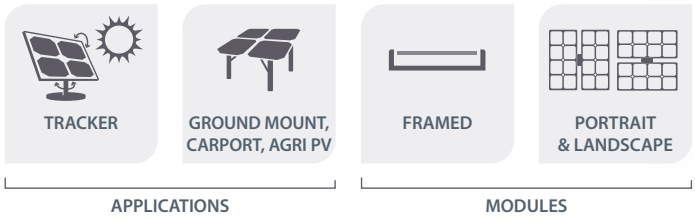
PowAR® Wing Cinch

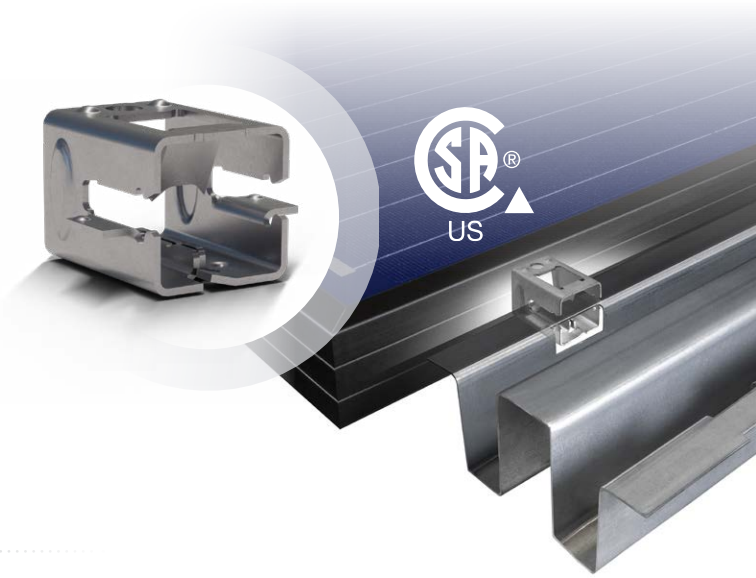
FASTENING CLIP FOR FRAMED MODULES



Screwless and tool-free clipped fastening solutions provide fast and simple assembly, enabling customers to reduce the overall cost of renewable energies.

MULTIPLE CONFIGURATIONS





Benefits

Particularly adapted to secure the fastening of large surface panel.

FAST INSTALLATION

- Fasten in a single step in as little as 30 seconds(1).

GREATER EASE OF USE

- No need of power tool.
- Installs from below the panel: no more stepping on the module.
- Minimal training required.
- Flexible: supporting rail and frame holes don't need to be aligned.

LOWER COSTS

- Lowers total cost of ownership of PV solar equipment.
- Screwless design eliminates periodic torque control.
- Elastic mechanical clamping may reduce the risk of hotspots.
- PowAR® Wing Cinch offers grounding performances, subject to conditions(2).

ROBUST PERFORMANCE

- The new design features of the PowAR® Wing Cinch can support the resistance to high wind loads(3).

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TEST - CERTIFICATION PHOTOVOLTAÏQUE

(1) Time approximation according to assembly performed in a specific environment.
(2) The Product can offer some grounding performances depending on the components and elements to be used by customer to design their complete system (including but without being limited to solar panels, frames and rails). However, please note that these performances can substantially vary depending on the type of elements which will be used by the customer to design their complete system as well as the environmental conditions. Consequently, the grounding performances need to be priory evaluated by customer by conducting their own tests considering the characteristics of each project including but without being limited to the frame and supporting rails intended to be used as well as environmental conditions.
(3) When used in conjunction with the appropriate frame and supporting rail.

Any warranty, specifications, instructions or certification provided by ARaymond exclusively rely on the specifications of ARaymond's products. However, please note that each customer should conduct their own tests and analysis to:
(i) design their own complete system (including but without being limited to the frame and supporting rails) considering the characteristics of each project as well as environmental conditions; and
(ii) obtain any approval or certification required by the national or local law as well as any regulations.
In this regard, ARaymond excludes any warranty or any liability of any nature whatsoever including but without being limited to the compatibility of the products selected by the customer to design the entire system (including but without being limited to solar panels, frames and rails), the fitness of the product for the purpose intended by the customer as well as the obtention of any approval or certification by the customer for its entire system.

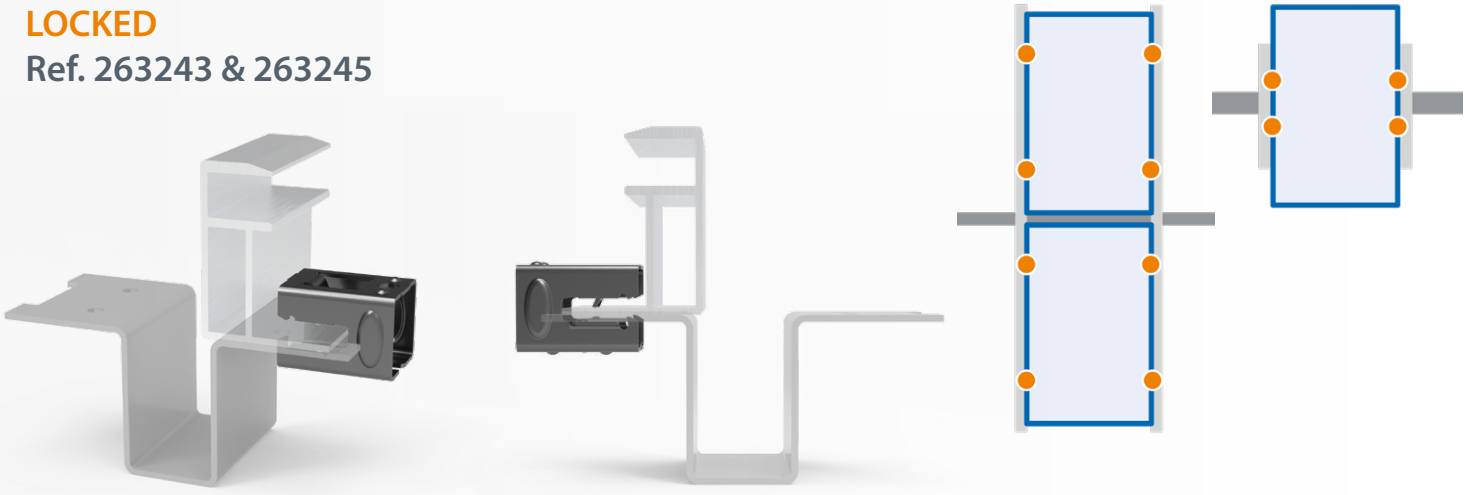
PRODUCT DETAILS[4]				LOCKED		
ARTICLE N°		263244	263242	263245	263243	284508
THICKNESS (SUPPORTING RAIL + PV PANEL FRAME)	MM	2.05 to 3.65	3.05 to 4.65	2.05 to 3.05	3.05 to 4.05	3.35 to 4.35
	INCH	0.08 to 0.14	0.12 to 0.18	0.08 to 0.12	0.12 to 0.16	0.13 to 0.17
MATERIAL		Hardened Carbon Steel				
SURFACE TREATMENT		Aluminium Enriched Zinc Flake				

(4) It is the responsibility of the customer to assess whether the PowAR® Wing Cinch is safe and appropriate for customer's intended use. The customer must consider the supporting rail and PV panel frame thicknesses to select a suitable reference.

TRACKERS CONFIGURATION EXAMPLES[5]

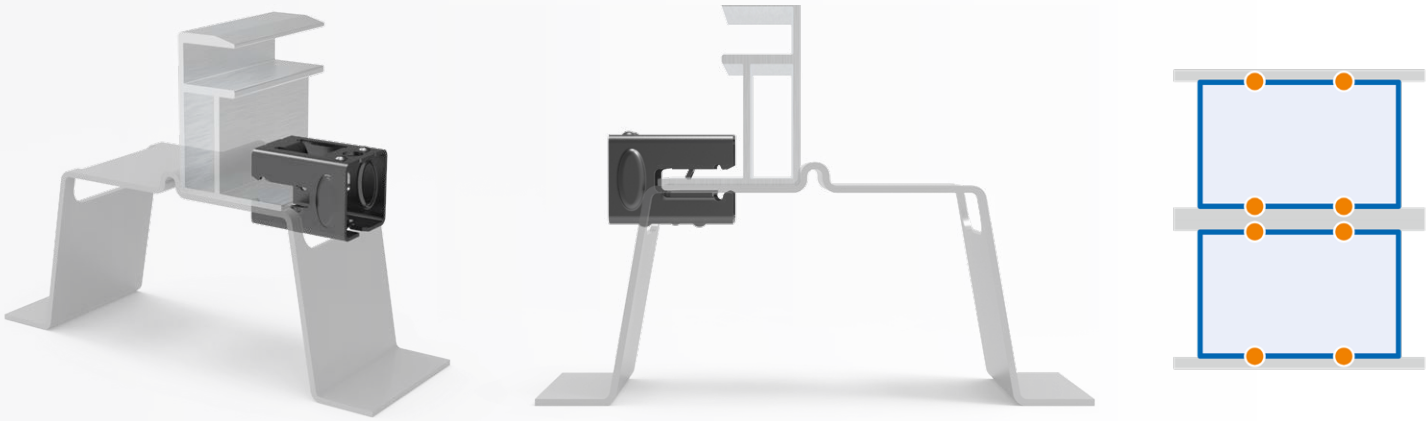
LOCKED

Ref. 263243 & 263245



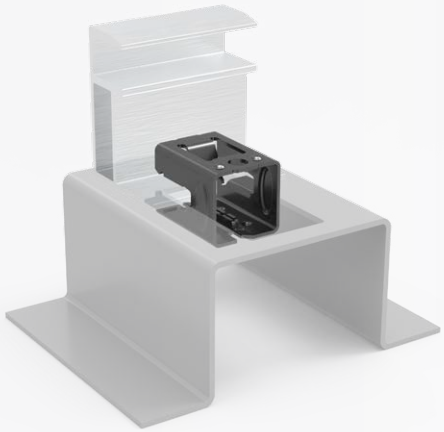
FIXED TILT CONFIGURATION EXAMPLES[5]

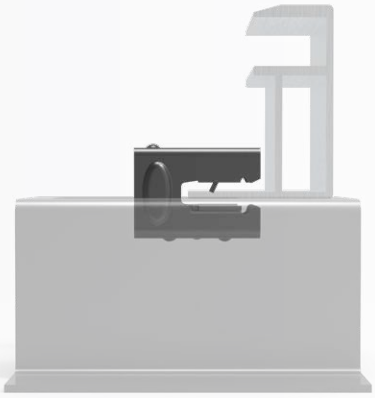
Ref. 263242 & 263244

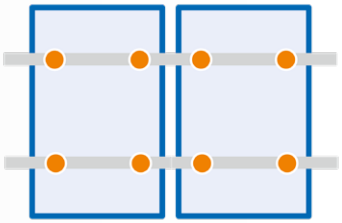


FIXED TILT CONFIGURATION EXAMPLES[5]

Ref. 263242 & 263244







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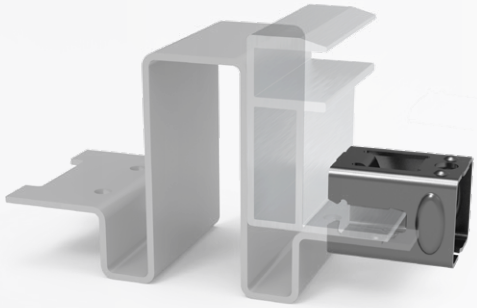

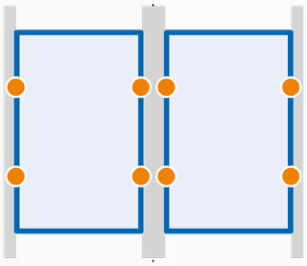

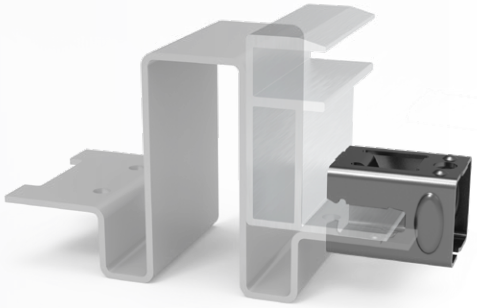

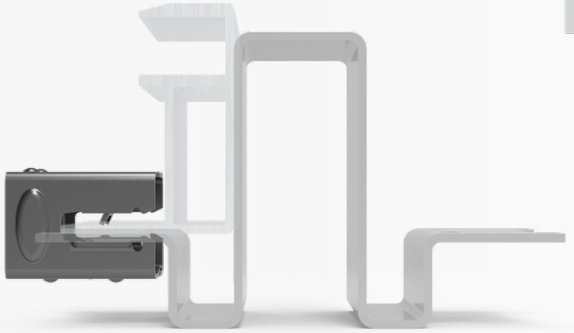

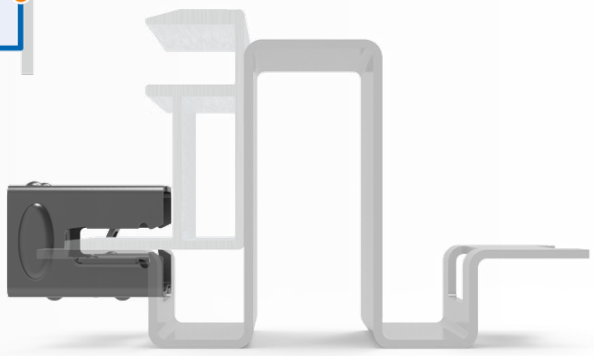

(5) The configurations displayed in this leaflet are intended to be used for informational purposes only. Each customer should conduct their own tests and analysis to design the complete system and considering the characteristics of each project including but without being limited to the frame and supporting rails intended to be used as well as environmental conditions.

ARaymond

ARAYMOND, AROUND THE WORLD

Established in **1865**
100 % family-owned company

28 manufacturing sites in
25 countries

8000+ employees

2500 active patents

6% of turnover invested in R&D

YOUR CONTACTS

www.araymond-energies.com

HEADQUARTERS FRANCE

ARAYMOND ENERGIES SAS
123 rue Hilaire de Chardonnet
38000 Grenoble
FRANCE
Tel.: +33 456 52 61 60

IN THE WORLD

EMEA
contact@araymond-energies.com

China
contact.cn@araymond-energies.com

Japan
contact.jp@araymond-energies.com

North America
contact.us@araymond-energies.com

India
contact.in@araymond-energies.com

South East Asia & Pacific
contact.sg@araymond-energies.com

South America
contact.br@araymond-energies.com

Türkyie
contact.tr@araymond-energies.com

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